CLAIMS

I claim:

1. A computer file editing system for a plurality of users comprising:

a plurality of personal computers;

5   a host computer; and

at least one interconnecting means for interconnecting the host computer with each of the plurality of personal computers;

wherein, the host computer, upon receipt of an edit to a file from at least one of the plurality of personal computers, coordinates execution of the edit and the

10   transfer of data corresponding to the executed edit to at least one of the plurality of personal computers, whereupon receipt of the data, at least one of the plurality of personal computers can render on a display the data substantially contemporaneously with the corresponding receipt and execution of the edit by the host computer.

2. The system of claim 1, wherein at least one of the plurality of personal computers further comprises:

at least one microprocessor; and

internal memory.

3. The system of claim 1, wherein at least one of the plurality of personal computers includes a multi-tasking processor.

4. The system of claim 1, wherein the host computer includes a multi-tasking processor.

5. The system of claim 1, wherein the host computer further comprises a personal computer.

6. The system of claim 1, wherein the host computer includes:

at least one microprocessor; and

internal memory.

7. The system of claim 1, wherein the at least one interconnecting means further comprises:

an analog communications network;

a first modem, for connecting at least one of the plurality of personal

5   computers to the analog communications network; and

20

a second modem, for connecting the host computer to the analog communications network.

8. The system of claim 7, wherein the host computer is connected to the second modem via a digital communications network.

9. The system of claim 1, wherein the at least one interconnecting means further comprises a digital communications network.

10. The system of claim 9, wherein the digital communications network includes a local area network.

11. The system of claim 10, wherein the digital communications network interconnects at least two local area networks.

12. The system of claim 11, wherein the at least two local area networks are interconnected via a hub.

13. The system of claim 11, wherein at least one of the two local area networks include a switch.

14. The system of claim 11, wherein the at least two local area networks are interconnected via a bridge.

15. The system of claim 11, wherein the at least two local area networks are interconnected via a gateway.

16. The system of claim 11, wherein the at least two local area networks are interconnected via a router.

17. The system of claim 9, wherein the at least one interconnecting means further comprises a plurality of digital communication links.

18. The system of claim 17, wherein at least one of the plurality of digital communications links is connected to a second of the plurality of digital communications links via a bridge.

19. The system of claim 17, wherein at least one of the plurality of digital communications links is connected to a second of the plurality of digital communications links via a gateway.

20. The system of claim 17, wherein at least one of the plurality of digital communications links is connected to a second of the plurality of digital communications links via a router.

21. The system of claim 17, wherein at least one of the plurality of digital communications links is connected to a second of the plurality of digital

communications links via a hub.

22. The system of claim 17, wherein at least one of the plurality of digital communications links includes a switch.

23. The system of claim 10 wherein the local area network includes a server.

24. The system of claim 1, wherein the system utilizes a client-server architecture.

25. The system of claim 24, wherein the host computer functions as a server and each of the plurality of personal computers function as a client in the client-server architecture.

26. The system of claim 1, wherein the host computer includes a display means.

27. The system of claim 1, wherein the data rendered includes computer graphics.

28. The system of claim 1, wherein the data rendered includes alphanumeric characters.

29. The system of claim 1, wherein each of the plurality of personal computers includes a display.

30. A computer file editing system for a plurality of users comprising:

a plurality of personal computers, wherein each of the plurality of personal computers includes a display;

a host computer having a multi-tasking processor; and

5   a digital interconnecting means for interconnecting the host computer with at least one of the plurality of personal computers;

wherein, the host computer, upon receipt of information related to a file from at least one of the plurality of personal computers, executes an instruction with respect to the information and transfers data corresponding to the executed instruction to at

10   least one of the plurality of personal computers, whereupon receipt of the data at least one of the plurality of personal computers can render on a display the data corresponding to the executed instruction substantially contemporaneously with the corresponding receipt of the information by the host computer.

31. A computer file editing system for a plurality of users comprising:

a plurality of personal computers, wherein each of the plurality of personal

computers includes a display;

a host computer having a multi-tasking processor; and

5   a digital interconnecting means for interconnecting the host computer with at least one of the plurality of personal computers;

wherein, the host computer, upon receipt of an edit to a file from at least one of the plurality of personal computers, coordinates execution of the edit and the transfer of data corresponding to the executed edit to at least one of the plurality of

10   personal computers, whereupon receipt of the data at least one of the plurality of personal computers can render on a display the data substantially contemporaneously with the corresponding receipt and execution of the edit by the host computer.